

Response to Alameda County Flood Control and Water Conservation District Zone 7
Comments Regarding the Closure of Valero Station #3823,
Located at 2991 Hopyard Road, Pleasanton, CA, CUF Claim 5330

Comment 1. Since a connection between the zones of the aquifer impacted by contamination and the zones of the aquifer being pumped for drinking water has already been established as a part of the investigation of this case, when these wells are operated on a more regular basis, the dynamics could change such that migration of even a previously stable plume could be induced.

Response 1: It is State Board's opinion that monitoring wells at the Site are providing a vertical conduit to the deeper drinking water aquifers. By removing these monitoring wells and properly abandoning the boreholes these vertical conduits will no longer exist. This action may not totally ensure shallow residual affected groundwater will not be drawn downward with future pumping. However, it will greatly reduce the potential of contaminant transport compared to the direct conduits that exist today.

Comment 2: According to the Local Oversight Program agency for this case, Alameda County Environmental Health, the plume is over 100 feet in length and therefore does not meet the criteria for Scenario 1.

Response 2: The plume is measured from the water quality objective contour (5 µg/L for MTBE) not detection limits and the length is measured in map view (horizontal distance) not vertical distance. The total length of the plume is less than 100 feet.